

## **Appendix A. Tables of Prices of Selected Inputs for Yuma County and La Paz County, Arizona**

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**Table A.1 Estimated Cost of Pumping Irrigation Water in Western Arizona, 2001**

Area	Energy	Price	Pump Lift (Ft)	Pump Rate (GPM)	Case Diam (in)	Case Depth (Ft)	Overall Pump Efficiency	Well Cost	Ownership Cost * (\$/Yr)	Annual Pump (AF)	Cost of Pumping Irrigation Water				TOTAL COST /AF	
											Fixed /AF	Variable Cost/AF				
												Energy	Repairs	P Tax		Total
<b>La Paz County</b>																
MCMULLEN VALLEY	Diesel	0.80000 /Gal	450	1600	16	1000	0.188	195281	22087	1273	\$17.35	\$46.46	\$6.27	\$52.73	<b>\$70.08</b>	
MCMULLEN VALLEY	Electric	0.08644 /Kwh	450	1600	16	1000	0.54	153544	16595	1273	\$13.04	\$73.76	\$5.40	\$79.16	<b>\$92.20</b>	
MCMULLEN VALLEY	Nat. Gas	0.42280 /Th	450	1600	16	1000	0.154	243641	27947	1273	\$21.95	\$41.96	\$6.27	\$48.23	<b>\$70.18</b>	
<b>BOUSE AREA</b>																
BOUSE AREA	Diesel	0.80000 /Gal	380	2200	16	700	0.188	148429	14474	1750	\$8.27	\$39.23	\$5.29	\$44.52	<b>\$52.79</b>	
BOUSE AREA	Electric	0.08661 /Kwh	380	2200	16	700	0.54	111923	9618	1750	\$5.50	\$62.41	\$4.56	\$66.97	<b>\$72.47</b>	
BOUSE AREA	Nat. Gas	0.42239 /Th	380	2200	16	700	0.154	193219	19851	1750	\$11.34	\$35.40	\$5.29	\$40.69	<b>\$52.04</b>	
<b>Yuma County</b>																
SOUTH YUMA MESA	Electric	0.09486 /Kwh	110	1500	16	400	0.54	58269	6121	1485	\$4.12	\$19.79	\$1.32	\$21.11	<b>\$25.23</b>	

**Table A.2 Estimated Cost of Surface Irrigation Water in Western Arizona, 2001**

A-2

Name	Assessment	Water Costs							
		**** Dollars per Acre Foot (AF) ****							
<b>La Paz</b>									
Colorado River Tribes Irr. Projec CRTIP	\$38.50	5 free	more @	\$17.00 /AF					
Palo Verde Valley PVV	\$39.00								
<b>Yuma</b>									
Welton-Mohawk Irrigation Distric WMIDD	\$60.60	4 free	6 @	\$15.65 /AF	2 @	\$18.25 /AF	more @	\$19.35 /AF	
Yuma Irrigation District, North YID-N	\$26.00	5 free	more @	\$5.25 /AF					
Yuma Irrigation District, South YID-S	\$30.00	5 free	more @	\$11.00 /AF					
Yuma County Water User's Assn YCWUA	\$62.00	5 free	more @	\$12.40 /AF					
Yuma Irrigation District, B YID-B	\$113.68	10 free	2 @	\$11.00 /AF	2 @	\$12.00 /AF	2 @	\$14.00 /AF	more @ \$16.00 /AF
Yuma Mesa Irrig & Drainage Dis YMIDD	\$50.00	9 free	2 @	\$6.00 /AF	2 @	\$9.35 /AF	2 @	\$14.10 /AF	more @ \$25.00 /AF

**Table A.3 Wage and Piece Rates**

Labor Group	2000 Wage Rate
Hand Weeders	\$6.77 / Hr
Harvest	\$6.77 / Hr
Irrigators	\$6.62 / Hr
Tractor	\$6.77 / Hr
Other	\$6.77 / Hr
Truck Driver	\$11.54 / Hr
Produce Loader	\$6.77 / Hr
Contract Labor	\$6.77 / Hr
Contract Labor, Harvest	\$6.77 / Hr
Picker	\$6.62 / Hr
Cutter	\$1.37 / Box
Clipper	\$6.62 / Hr
Loader	\$6.62 / Hr
Windrower, Melons	\$6.62 / Hr
Cutter & Packer	\$0.99 / Box
Cutter/Wrapper/Packer	\$1.37 / Box
Cutter/Watermelons	\$6.62 / Hr
Loader/Watermelons	\$6.62 / Hr
Wrapper/Packer	\$1.37 / Box
Box Closer/Stitcher	\$0.54 / Box
Box Loader (Film Pack)	\$0.75 / Box
Box Loader (Naked Packed)	\$1.37 / Box

**Table A. 5 Custom Service Costs, Colorado River**

Operation	Custom Service	2000 Rate
Apply Insecticide/Air	Air Spray, 5 Gal Mix	\$4.73 / Acre
Apply Insecticide/Air	Air Spray, 7 Gal Mix	\$5.23 / Acre
Thinning	Thinning	\$75.00 / Acre
Hand Weeding	Hand Weeding	\$75.00 / Acre
Harvest	Harvest Cauliflower	\$2.65 / Carton
Harvest	Harv/Load/Haul Broccoli	\$2.75 / Carton
Cut and Load	Cut & Load Melons	\$1.65 / Carton
Harvest, Load & Haul	Harvest-Load-Haul Lettuce	\$3.25 / Carton
Field Scouting	Scout For Insects	\$15.00 / Acre
Pollenate	Bee Hive Rental	\$35.00 / Acre
Harvest, Load & Haul	Harvest-Load-Haul Leaf Lettuce	\$3.00 / Carton
Haul, Custom	Haul Melons	\$0.20 / Carton
Haul, Custom	Haul Watermelons	\$10.00 / Ton
Bird Control	Bird Control	\$3.50 / Acre
Soil Fertility	Soil Analysis (Surface)	\$12.00 / Acre

**Table A. 4 Property Taxes & Assessments**

State Code	Budget System Area Description	State Area Description	2000 Primary	2000 Secondary	2000 Total
<b>Yuma County (14) Property Taxes, Vegetable Crops</b>					
130	Yuma	Yuma	\$9.3805	\$3.5525	<b>\$12.9330</b>
1140	Sumerton	Sumerton	\$9.1520	\$4.2043	<b>\$13.3563</b>
1330	Crane	Crane	\$8.9846	\$3.4373	<b>\$12.4219</b>
3230	Gadsen	Gadsen	\$9.1664	\$4.4474	<b>\$13.6138</b>
<b>Yuma Area Average</b>			<b>\$9.1709</b>	<b>\$3.9104</b>	<b>\$13.0813</b>
1730	Roll/Mohawk	Roll/Mohawk	\$9.1098	\$3.2350	<b>\$12.3448</b>
2430	Welton	Welton	\$9.7636	\$2.7401	<b>\$12.5037</b>
1600	Hyder	Hyder	\$9.0206	\$4.0433	<b>\$13.0639</b>
<b>Crops Average</b>			<b>\$9.2662</b>	<b>\$3.4822</b>	<b>\$12.7484</b>
<b>Special District Tax Assessment</b>					
701	Yuma Mesa ID	\$50.0000			
702	Yuma IDD	\$30.0000			
703	North Gila Valley ID	\$26.0000			
704	Welton-Mohawk IDD	\$1.0000			
706	Unit B Irrigation O&M	\$105.0000			
707	Unit B Irrigation-Contract	\$8.6800			
708	Unit B Irrigation-Non Coop.	\$1.0000			
<b>LaPaz County (15) Property Taxes</b>					
2600	Bouse	Bouse	\$10.8538	\$0.8657	<b>\$11.7195</b>
1900		Wenden	\$10.5895	\$0.8657	<b>\$11.4552</b>
3000		Salome	\$11.9877	\$3.8544	<b>\$15.8421</b>
<b>Salome/Wenden</b>			<b>\$11.2886</b>	<b>\$2.3601</b>	<b>\$13.6487</b>
2700	Parker	Parker	\$4.5804	\$1.8491	<b>\$6.4295</b>
<b>Crops Average</b>			<b>\$8.9076</b>	<b>\$1.6916</b>	<b>\$10.5992</b>
<b>Special District Tax Assessment</b>					
705	Cibola Valley ID	\$1.5000			
712	Aguila ID	\$4.4300			